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DOCKET NO.: V0139.70050US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gary E. Ward et al.  
Patent No.: 6,902,926 B1  
Serial No.: 10/039,770  
Confirmation No.: 9181  
Filed: November 9, 2001  
For: TOXOPLASMA GONDII APICAL MEMBRANE ANTIGEN-1  
Examiner: Padmavathi Baskar  
Art Unit: 1645

Certificate  
JUN 23 2005  
of Correction

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Certificate of Correction, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 15<sup>th</sup> day of June, 2005.

*Melissa L. Barlow Lyons*  
Melissa L. Barlow Lyons

**Mail Stop Certificate of Correction**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CERTIFICATE**

**OF CORRECTION UNDER 37 C.F.R. §1.322**

Sir/Madam:

Patentees respectfully request the correction of an error found in the printing of the above-captioned patent. The correction made to Gary Ward's citizenship and claim 9 rectify typographical errors made by the Patent Office.

Patentees point out that the correction requested does not involve a change in the patent that constitutes new matter or would require reexamination, and therefore, respectfully request that a certificate of correction be issued. Patentee encloses a copy of the patent page with the error highlighted. Since the errors were made by the Patent Office, it is respectfully submitted that no fee is due. However, if the examiner deems a fee necessary, the fee may be charged to the account of the undersigned, Deposit Account No. 23/2825. Should any questions arise concerning the foregoing, please contact the undersigned at the telephone number listed below.

Respectfully submitted,  
Gary E. Ward et al., Applicant

By: *Mary Dilys S. Anderson*  
Mary Dilys S. Anderson, Ph.D., Reg. No.: 52,560  
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Docket No.: V0139.70050US00

Date: June 15, 2005

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Melissa L. Barlow Lyons

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Sir:

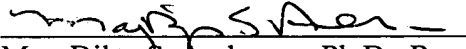
Transmitted herewith are the following documents:

- **Request for Certificate of Correction Under 37 C.F.R. § 1.322**
- **Certificate of Correction - Form PTO-1050**
- **Copy of pertinent pages from U.S. Patent No. US 6,902,926 B1**
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If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 646-8000, Boston, Massachusetts.

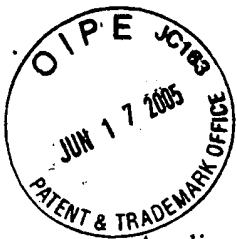
A check is not enclosed. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

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Melissa L. Barlow Lyons

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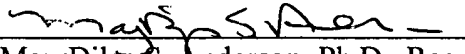
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UNITED STATES PATENT AND TRADEMARK OFFICE

**CERTIFICATE OF CORRECTION**

PATENT NO. : US 6,902,926 B1  
DATE : June 7, 2005  
INVENTORS : Gary E. Ward et al.

It is certified that the error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Cover Page:

(75) Inventors: **Gary E. Ward**, Essex Junction, VT (CA); **Carolyn G. Conant**, San Francisco, CA (US); **Brian Ward**, Montreal (CA)

In the claims:

Claim 9, line 1 should read as shown below.

--The TgAMA-1 binding polypeptide of claim 6, wherein the--

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PATENT NO. US 6,902,926 B1

JUN 24 2005



US006902926B1

(12) **United States Patent**  
Ward et al.

(10) Patent No.: **US 6,902,926 B1**  
(45) Date of Patent: **Jun. 7, 2005**

(54) **TOXOPLASMA GONDII APICAL MEMBRANE ANTIGEN-1**

(75) Inventors: Gary E. Ward, Essex Junction, VT (US); Carolyn G. Conant, San Francisco, CA (US); Brian Ward, Montreal (CA)

(73) Assignees: University of Vermont and State Agricultural College, Burlington, VT (US); McGill University, Quebec (CA)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 106 days.

(21) Appl. No.: 10/039,770

(22) Filed: Nov. 9, 2001

#### Related U.S. Application Data

(60) Provisional application No. 60/247,870, filed on Nov. 9, 2000.

(51) Int. Cl.<sup>7</sup> ..... C12N 1/10; C12Q 1/68; A61K 39/012; A61K 39/00

(52) U.S. Cl. .... 435/258.1; 435/6; 435/69.1; 435/69.7; 536/23.4; 536/23.7; 424/273.1; 424/266.1; 424/265.1; 424/185.1

(58) Field of Search ..... 424/185.1, 273.1, 424/265.1, 266.1, 258.1; 435/6, 69.1, 69.7, 94.1, 7.2, 7.22, 19.6, 19.01, 19, 264.2, 320.1; 536/23.7, 23.4

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(Continued)

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Assistant Examiner—Padma Baskar

(74) Attorney, Agent, or Firm—Wolf, Greenfield & Sacks, P.C.

#### (57) ABSTRACT

The invention provides polypeptide fragments derived from TgAMA-1, nucleic acids that encode the polypeptide fragments, and TgAMA-binding polypeptides such as antibodies. Methods for using the polypeptide and nucleic acid molecules to produce vaccines are also provided. In addition the invention provides methods involving use of the polypeptides, nucleic acids, and binding polypeptides, such as antibodies, for the prevention and treatment of Toxoplasmosis.

9 Claims, No Drawings

The

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7. The TgAMA-1 binding polypeptide of claim 6, wherein the binding polypeptide is an antibody.

8. The TgAMA-1 binding polypeptide of claim 7, wherein the antibody specifically binds to a region of about 12 or more cysteine residues of the isolated polypeptide of claim 1.

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9. TgAMA-1 binding polypeptide of claim 6, wherein the binding polypeptide blocks entry of *Toxoplasma* parasite into a cell.

\* \* \* \* \*